

TITLE

ORGANIC ELECTRONIC DEVICE HAVING IMPROVED HOMOGENEITY

ABSTRACT OF THE INVENTION

5 A display for an electronic device may be calibrated and corrected
for pixel-to-pixel variations in intensity. Radiation-sensing elements used
for the calibration are not incorporated as circuit elements within the pixel
circuits and may lie outside the pixels. Waveguides, reflectors, or the like
may be used to optically couple the radiation-emitting elements of the
pixels to the radiation-sensing elements. The radiation-sensing elements
10 may be part of an apparatus separate from the electronic device or may
be embedded within the electronic device. Many different methodologies
may be used for correcting intensities to achieve better homogeneity in
intensity among the pixels within a display.